

SOUTH PRODUCTION NOTES

**January 18, 2014
Afternoon Shift**

**BASF EMPLOYEES
56 Last Recordable
201 Last Lost Time**

CRT's: When we run #5 we will need to check temperatures in the #5 baghouse and also keep an eye on the #5 Dust Collector stack for signs of powder coming out.

#1 MED Si-1624 next: Down / Cleaning for Si-1624. Will need to scrape the MED spiral for loose flakes.

#1 RC / Al 5637: Continue to feed. Feed the last 2 bags of material marked "refeed" at the regular calciner temperature. There is no need to adjust the temps.

Midnight shift: Continued.

Day shift: Continued to run and began fighting with syntron late in the shift.

Afternoon Shift: Currently running but continuing to tweak the timer on the syntron to try and get the feed rate called out on MOD.

Exhaust to Trimer (ORP probe was repaired)

#2 MED line/ Cu-1230 is next. Planning to start Cu-1230 next week.

Midnight shift: No change.

Day Shift:

Afternoon Shift: No activity.

#2 RC/ Emergency switch to D-1795: Continue.

Midnight Shift: Continued.

Day shift: Calciner continued to run entire shift.

Afternoon Shift: Continue feeding – include the two bags of re-fire material. Continue feeding ALL of the D-1795 NAQ is calcined.

Exhausting to CTO

New Pfaudler / Ni 2458 next: Continue batches

Midnight shift:

Day shift: Working on dissolving the crystals in the nickel totes. No batches to be made until Monday when we get lab results from the tank after adding crystals.

Afternoon Shift: Currently making a new tank. Trying to get the crystals out of solution totes.

Tank 6 / Ni Solution: Working on dissolving the crystals in the nickel totes.

Midnight shift: dissolved material in totes-finished tank and sample is in lab.

Day shift: Lab results from the tank were very low on nickel. Trying to dissolve as much crystal from the totes as possible.

Afternoon Shift: Making a tank but found 4 totes with crystals at bottom. Need to dissolve.

National Dryer / Ni 2458 : Started feeding/Keep temperature close to 80 degrees.

Midnight shift: Kicked out/stopped feed/door in back was open and material on floor. 2600 lbs backed up in system.

Day shift: Out of feed.

Afternoon shift: Continuing to feed. Need to make sure that when we open the slide gate under the national dryer to feed the next bag that material is free flowing. Reported material getting stuck in chute of discharge while the slide gate is closed at bag change. Be aware of this.

#4 RC / Ni 2458: Continue to feed.

Exhaust to Trimer (ORP probe repaired)

Midnight shift: Shut off feed/NOx issue and blanket duct taped on back of calciner.

Day shift: Feed back on. Monitor for Nox.

Afternoon Shift: Continuing to run. No Nox issues. Make sure to check suction during rounds.

#3 MED line / D-1795 NAQ: Extruder/mixer/pulva on hold. Continue feeding D 1795 buggies to dryer through floor.

Midnight Shift:

Day shift: Restarted feed at 10:30. Feeding remaining material to #2 RC.

Afternoon Shift: We will feed the Chevron material through the dryer. When all material has been fed through the dryer we will stop feeding it through #3 RC.

#3 RC/ D-1795 NAQ: Keep temperatures up on this calciner for now as a backup for #2 RC in case it goes down.

Exhausting to CTO

Midnight shift: Kicked out/ re-lit/ after next bag is full-change lot number.

Day shift: Ran remaining feed through calciner.

Afternoon Shift: Initially we could not switch from F1 to CTO but after looking at the dialogue box on the screen we discovered that a check box marked labeled "out of service" had been checked on. Once we removed the check we were able to switch from F1 to CTO and began feeding.

PK Blender / OxyVinyl Catoxid: Chrome tank spg is only 1.32. On hold until we get more chrome totes.

Midnight shift: Made new chrome tank/water valve on chrome tank had been left open-check valves before adding water. (1.32-is low-spg)

Day shift: PK on hold until we get more chrome totes.

Afternoon Shift: Continuing but we are getting a lot of bags in alumina gel.

#5 RC / OxyVinyl Catoxid next: DOWN until at least Monday. When we do start running, please add one bag of the older Catoxid material (located in the back of alumina gel) per shift until exhausted.

Exhaust to 5DC

Midnight shift:

Day shift: On hold

Afternoon Shift: No activity.

Old Pfaudler – D 1795: Continue on until the remaining Chevron bags are used up.

Midnight shift: Called B Grodecki- no documentation for the new and last 6 batches.

Day Shift: Continued on.

Afternoon Shift: Made first batch with the new Chevron product.

Tank 7 / AMT for D-1795 NAQ: Monitor temp and Spg.

Midnight shift: Tank at 25%

Day shift: Tank at 13%.

Afternoon Shift:

Tower 3 / Cu-1986: Down due to mass spectrometer. When we get back up and running the current tower load we will need to do the following: When unloading, Grodecki will be providing instructions on sampling. Do not top off the partial drum left in the screening room with material from the next tower load. We want to keep the next tower load isolated.

Tower 6 / E-474: Tower unloaded, waiting for raws and guidance from Grodecki.

Midnight Shift: #3 running; #6 unloaded and waiting for next loads to deliver.

Day shift: Still down due to mass spec.

Afternoon shift: Mass spec has gone down – no power at all. IMC tried to repair it but were unsuccessful. Phone calls have been made to outside contractor to try and get Mass spec back online. Upper management aware of issue. Tower # 3 has been shut down for the moment.

Harrop Kiln - Al-3921 T 3/16”: Down... saggars have been removed, screener parts at TK#2

Midnight Shift: No activity

Day shift: No change.

North Screener / E 474: Running.

Midnight shift: 4 totes left to screen.

Day shift: Continued on. About 2 totes left to screen.

Afternoon Shift: Continue screening material.

South Screener / Cu 1986: Waiting for tower to be unloaded. Do not top off the partial drum with material from the next tower load.

Midnight shift: no change.

Day shift: Waiting for tower to be unloaded. Do not top off the partial drum with material from the next tower load. Keep the next lot separate.

Afternoon Shift: See above notes on Tower #3.

#6 - RC / D-0756: Down. Will need to eventually clean the spiral, calciner and screener.

Exhaust to Sly Scrubber

Midnight shift:

Day Shift: Last of the dryer and calciner extrusions were vacuumed up and the drum weighed 68Lbs. gross.

Afternoon shift: No activity. Calciner is on. Maintenance to continue work on Monday.

HC-11 Tanks / Cu 5020: Completed. Maintenance needs to repair or replace tank #6 pump.

Midnight shift: No activity

Day shift: No change.

Afternoon Shift: No activity.

Tunnel Kiln #2 / BE-0101 Extrusions: Completed.

Midnight shift:

Day shift:

Afternoon Shift:

Tunnel Kiln #4 / Cu-0540: Continue loading/unloading

Midnight shift: Continued.

Day shift: Continued on.

Afternoon Shift: Continued on.

#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

#2664 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

Abbe blender / D 5206: Down...out of HF

Priorities 1 through 6 are basically all the same priority, should be considered urgent and will require call outs for maint issues.

- 1) D-1795 NAQ - East Pfaudler/#3P&S Dryer/#3RC
- 2) D-1795 NAQ - #2 RC
- 3) Reduction Towers, specifically keeping up with the screening and getting the samples to the lab on E-474 TRL finished lots. Next arrival of 474 GP expected on Monday afternoon for Tower 6 (leave empty until next 474 GP shipment arrives). Continue to run Cu-1986 TRL through Tower 3.
- 4) Catoxid - PK/#5RC
- 5) Ni-2458 E - West Pfaudler/National Dryer/#4RC
- 6) AL-5637 E 1/8 - #1 RC
- 7) Cu-0602 E Trial - Clean out calciner after D-1795 NAQ is finished for Cu-0602 E

A few notes since I could not attend the Friday morning meeting.

- Continue to run #2 RC until all of the D-1795 NAQ is calcined
- After the last batch of D-1795 NAQ is through #3 P&S, stop feeding #3 RC and only feed #2 RC

D-1795 NAQ Dried

- Clean out #3 P&S dryer and #3 RC, should only be a quick vacuum, engineers need to advise
- Set up #3 MED line for D-1798 NAQ Base, we want to get this started asap after #3 P&S and #3

RC are cleaned out

- Clean #2 RC after all D-1795 NAQ Dried and dryer cleanings have been fed

See Justin's e-mail below:

Celanese has asked for additional samples for testing in their lab. Specifically, they need the following:

CEHW-1130A - 50375189 - These should all be in supersacks in the warehouse and have **red** handwritten labels on them. *Please make sure whatever label is put on the sample reflects exactly what it says on the bag*

- Two 5kg samples from bags labeled 'incomplete coverage'(please get one sample from two different bags, not two samples from the same bag)
- One 5kg sample from a bag labeled 'possible contamination'
- Two 5kg samples from any bag labeled 'good material'

CEHW-1130B - 50377931 - This sample will be in a drum, also in the warehouse.

-One 5kg sample from any drum on the **#5-8 drum pallet**. Please make sure the sample comes from this pallet only.

When these samples are taken, please have them dropped off outside of the inside shipping door by the scale. I will grab them from there and get them sent out. Please call with any questions and email me just so I know when they're done. Thanks!

Regards,

Justin Quach
Process Engineer - Catalysts